

SHSD Job Risk Assessment

Job Number: SHSD- JRA-05 Job Title: Field Exposure Monitoring for IH Hazards	Point Value → Parameter ↓	1	2	3	4	5
Job Description: Taking sampling equipment or expertise to the field for assessing and monitoring IH hazards-metes, pumps, sampling wipes, or observation of hazardous areas or operations	Frequency (B)	≤once/ year	≤once/ month	≤once/ week	≤once/ shift	>once /shift
Name(s) of Risk Team Members: C. Weilandics; F. Horn; J. Peters; D. Robbins; K. Erickson; R. Selvey (02/15/05)	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional): IH SOP Qualification Applicable Standard Operating Procedures Approved by: R. Selvey Date: 03/07/06 Rev. #:2	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Stressors (if applicable, please list all) Time demands and environmental conditions		Reason for Revision (if applicable): Rev1: Updated table to the three column format (Without Controls)			Comments:	

		Without Controls						Before Additional Controls							After Additional Controls						
Job Step / Task	Hazard	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Initial Assessment by SME at location	none other than environmental hazards of the area	1	2	2	1	4	PPE for surface and air contaminants, RWP	N	1	2	1	1	2								
Preparing Equipment & media	falling objects from IH shelves, ergo strain, pinch, abrade of sharp edges	1	3	3	2	18	Storage of heavy equipment on low shelves, stools, ergo training, toe boards on shelves	N	1	3	2	1	6								
Loading Equipment into vehicles	ergo strains, strains, slips/trips	1	3	2	2	12	Assistance from others on heavy loads, wheeled truck, cases with wheels, listing handles on cases	Y	1	3	2	2	12								
Travel to site	JRA for vehicular travel	-	-	-	-	-	Controls and risks as per site JRA	-	-	-	-	-	-								

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		Without Controls						Before Additional Controls							After Additional Controls						
Job Step / Task	Hazard	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Site hazards	exposure to site hazards,	1	3	2	2	12	PPE for surface and air contaminants, RWP	Y	1	3	2	1	6								
	falls on access to sampling points	1	3	3	3	27	ladder safety; authority to refuse hazardous location access, training others with height/machinery skills to take IH samples	N	1	3	3	3	27								
	natural hazards in the environment- bees, asbestos, heat, vectors	1	3	2	2	12	PPE such as barrier to insects, sprays, respiratory protection in crawl spaces	Y	1	3	2	1	6								
Handling and setting up equipment	ergo strains, strains, slips/trips	1	3	2	2	12	assistance from others on heavy loads, handles on cases	Y	1	3	2	2	12								
Taking measurements with meters	exposure to site hazards,	1	3	2	2	12	PPE for surface and air contaminants, RWP	Y	1	3	2	1	6								
	falls on access to sampling points	1	3	3	3	27	ladder safety; select safe sample location, training others with height/machinery skills to take IH samples	N	1	3	3	3	27								
Taking samples with sampling pumps	Exposure to chemical hazards	1	2	1	3	6	Use a direct reading meter when high concentrations are possible and maintain appropriate distance from hazardous levels.	N	1	2	1	3	6								
	Exposure to other hazards such as chemicals and ionizing radiation	1	2	2	2	8	Follow Work Control Procedures and Radiological Work Permits in the area	N	1	2	2	2	8								
Returning to IH lab with equipment and samples	ergo strains, strains, slips/trips	1	3	2	3	18	Assistance from others on heavy loads, wheeled truck, cases with wheels, listing handles on cases	Y	1	3	2	2	12								

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*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable

Further Description of Controls Added to Reduce Risk: none for this JRA

Lessons Learned, Improvements, Positive Feedback: none